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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/782,845	02/14/2001	Peter M. Mansour	SPROQ1100-2	9316

25548 7590 09/29/2003

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EXAMINER

TRAN, MYLINH T

ART UNIT	PAPER NUMBER
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2174

DATE MAILED: 09/29/2003

6

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/782,845

Applicant(s)

MANSOUR ET AL.

Examiner

Mylinh T Tran

Art Unit

2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 14 February 2001.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-55 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-55 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

Art Unit: 2174

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-55 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dillingham [US. 6,327,608] in view of Wolf et al. [US. 5,818,447].

As to claim 1, Dillingham discloses a user interface (UI) server at column 2, lines 28-63; retrieving a UI form definition stored at said UI server, said UI form definition specifying characteristics of a UI form (column 2, lines 22-68); instructing a client device to render a UI form corresponding to said UI form definition (column 3, line 45 through column 4, line 24 and column 7, lines 15-53); transmitting, from said UI server, a number of source data items for population in said UI form (column 3, line 45 through column 4, line 24). The difference between the claim and Dean et al. is the step of executing a server-based application configured to process source data items; and number of source data items being related to said server-based application. Wolf et al. shows the step of executing a server-based application configured to process source data items (column 2, lines 8-43, column 8, lines 28-68); and number of source data items being related to said server-based application (column 12, lines 33-68). It would have been obvious to one of ordinary skill in the art, having the teachings of Dean et al. and Wolf et al. before them at the time the invention was made to modify the UI form definition taught by Dillingham to

Art Unit: 2174

include the server-based application of Wolf et al., in order to access to utilizes native client user interface features to display data received from a server as taught by Wolf et al. As to claims 2, 38, and 52, Dillingham also discloses the step of generating said UI form definition based upon a number of device capabilities for said client device (column 3, line 45 through column 4, line 24).

As to claims 3 and 53, while Dillingham teaches the step of receiving, at said UI server, Wolf et al. shows data representing said number of device capabilities (column 2, lines 43-65).

As to claims 4, 26 and 41, while Dillingham also teaches generating step generates said UI form stored locally at said client device (column 5, line 32 through column 6, line 5), Wolf shows based upon at least one native UI control (column 9, lines 40-54).

As to claims 5 and 27, while Dillingham demonstrates an operating system for said client device, Wolf shows one native UI control (column 9, lines 40-54).

As to claims 6, 7, 28 and 29, Dillingham also demonstrates receiving an action request representing a manipulation of said UI form by a user of said client device (column 4, lines 1-25 and column 5, lines 50-63); subsequently instructing said client device to render a new UI form in response to said action request (column 3, line 60 through column 4, line 24).

As to claim 8, Dillingham provides receiving a command from said client device, said command being indicative of an offline action performed by said client device and said UI server processing said command for execution by said server-based application (column 2, lines 27-64).

Art Unit: 2174

As to claims 9 and 30, while Dillingham provides the step of maintaining a shadow cache at said UI server (column 7, lines 32-65), Wolf et al. teaches data indicative of source data items (column 4, lines 1-48).

As to claim 9, Dillingham also provides shadow cache including associated with said client device (column 2, lines 28-55).

As to claims 10, 18 and 48, while Dillingham discloses UI server and the shadow cache, Wolf shows information representing new, deleted, or modified source data items (column 12, lines 32-68).

As to claims 11 and 32, while Dillingham show the shadow cache and UI server, Wolf teaches a list of source data items (email applications, column 9, lines 7-55).

As to claims 12, 33 and 55, while Wolf teaches a list of source data items, Dillingham also shows shadow cache and the saving step at locally by said client device (column 2, lines 28-38).

As to claims 13 and 51, Dillingham provides the transmitting step is performed in response to a manipulation of said UI form (column 3, line 45 through column 4, line 24).

As to claim 14, Dillingham also provides the retrieving step is performed by said UI server in response to a device identifier received from said client device (column 4, line 44 through column 5, line 12).

As to claims 15, 34 and 49, while Wolf discloses a total number of source data items (column 9, lines 7-55), and transmitting step initially transmits a first portion of said total number of source data items to said client device (column 5, line 22 through column 6, line 5). Dillingham demonstrates UI server having access to the total number of source data items associated with the UI form (column 6, lines 21-55).

Art Unit: 2174

As to claims 16, 35 and 50, while Wolf shows additional source data items, Dillingham discloses said UI server subsequently receiving a request for additional source data items and said UI server transmitting a subsequent portion of said total number of source data items to said client device in response to said request (column 3, line 45 through column 4, line 58).

As to claims 17 and 36, Dillingham demonstrates UI server receives said request from said client device in response to a manipulation of said UI form (column 3, line 45 through column 4, line 24).

As to claim 19, Dillingham also demonstrates the step of said UI server sending, to said client device, a push notification corresponding to said push data (column 6, lines 30-55).

As to claims 20, 37 and 44, the claim is analyzed as previous discussed with respect to claims 1-3

As to claim 21, Dillingham provides the step of specifying a command script corresponding to a manipulation of a UI control contained in said UI form, said command script being configured for execution by said client device (column 2, lines 28-68 and column 6, lines 32-68).

As to claims 22 and 42, while Dillingham shows the UI server, Wolf teaches the step of executing server-based application (column 4, lines 32-60).

As to claims 23, 40 and 54, Dillingham discloses the step of storing said UI form definition at said UI server (see abstract, column 2, lines 28-47).

As to claims 24 and 25, Dillingham also discloses the step of instructing said client device to render said UI form (column 7, lines 20-65).

As to claim 39, the claim is analyzed as previous discussed with respect to claims 2-3

Art Unit: 2174

As to claim 43, while Dillingham shows the UI server, Wolf teaches the number of source data items represent a portion of a larger amount of related data available (column 2, lines 8-47 and column 4, lines 1-55).

As to claim 45, Wolf teaches an executable module corresponding to said server-based application, said executable module being activated in response to said request (column 12, lines 32-68).

As to claim 46, Wolf also teaches sending module being further configured to send said number of source data items to said client device (column 12, lines 32-67).

As to claim 47, Dillingham shows a shadow cache that stores source data items associated with said client device (column 7, line 51 through column 8, line 32).

### ***Conclusion***

Responses to this action should be mailed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231. If applicant desires fax a response, (703) 746-7238), may be used for formal After Final communications, (703) 746-4395 for Official communications, or (703) 746-7240 for Non-Official or draft communications. NOTE, A Request for Continuation (Rule 60 or 62) cannot be faxed.

Please label "PROPOSED" or "DRAFT" for information facsimile communications. For after final responses, please label "AFTER FINAL" or "EXPEDITED PROCEDURE" on the document.

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Fourth Floor (Receptionist).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mylinh Tran whose telephone number is (703) 308-1304. The examiner can normally be reached on Monday-Thursday from 8.00AM to 4.30PM

Art Unit: 2174

If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid, can be reached on (703) 308-0640,

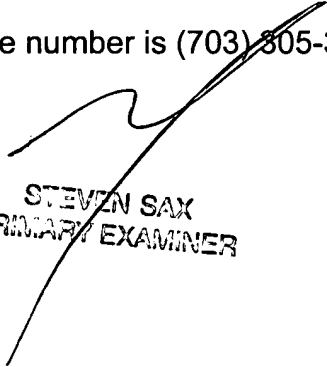
All Internet e-mail communications will be made of record in the application file.

PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3800.

Mylinh Tran

Art Unit 2174

  
STEVEN SAX  
PRIMARY EXAMINER